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APPLICANT : KANSAI PAINT CO LTD;

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TITLE : COLORED ALUMINUM PIGMENT AND COATING COMPOSITION CONTAINING THE SAME

ABSTRACT : PROBLEM TO BE SOLVED: To obtain the subject pigment capable of being used as a colored pigment having excellent designativity for automotive metallic coatings, etc., for which aluminum pigments have limitedly used, by adding a UV light- absorbing agent or a photostabilizer to a resin coating the surfaces of aluminum pigment.

SOLUTION: This colored aluminum pigment is prepared by coloring (A) the surfaces of aluminum flakes (for example, the aluminum flakes having an average particle diameter of 1-200 μm , a thickness of 0.15-5 μm and a shape coefficient of 5-100) with (B) a colored pigment (for example, the pigment having a particle diameter of 0.01-1 μm) and subsequently coating the surfaces of the obtained colored flakes with (C) a resin containing a UV light-absorbing agent or a photostabilizing agent. The component C in the colored aluminum includes a resin obtained by polymerizing a UV light-absorbing and polymerizing monomer or a photostabilizing and polymerizing monomer and a resin blended and mixed with a UV light-absorbing agent or a photostabilizing agent.

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